Network Security and Information Assurance at Jackson State University
A Successful Story

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Jackson, MS

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Jackson State University

- ♫ **Jackson, MS**
- ♫ **Historically Black University (HBCU)**
- ♫ **Student enrollment at JSU is 7815 students**
  - **63% female,**
  - **81% undergraduates, and**
  - **94% African Americans**

Jackson State University – CSET

- ♫ **Student enrollment at the College of Science, Engineering, and Technology is 1655 students**
  - **23% of JSU total enrollment**
  - **52% female,**
  - **87% undergraduates, and**
  - **94% African Americans**

Jackson State University – CS

- ♫ **Student enrollment at the department of computer science is 330 students**
  - **20% of the total enrollment of CSET**
  - **38% female,**
  - **76% undergraduates, and**
  - **84% African Americans**
- ♫ **Offers BS and MS**

Collaboration with Mississippi State University

- ♫ **Dr. Rayford Vaughn**
- ♫ **Network Security Education**
- ♫ **Distance learning**
- ♫ **NSF grants**

Network Security Education

- ♫ **Distance learning in 2003**
  - **Dr. R. Vaughn**

- ♫ **Semi distance learning in 2004**
  - **Dr. R. Vaughn**

- ♫ **Classroom learning starting in 2005**
  - **Dr. H. Kettani**

- ♫ **The course includes a lab with 11 assignments**

NSF Grants

ℒ **"Collaborative Project: Expansion and Enhancement of the Center of Excellence in Information Assurance Program," with regard to "Federal Cyber Service: Scholarship for Service (SFS)"**
  - *Grant of $127,527 Awarded, August 2003 – August 2004*

ℒ **"Collaborative Project: A Cyber Service Scholarship Proposal," with regard to "Federal Cyber Service: Scholarship for Service (SFS)"**
  - *Grant of $222,074 Awarded, August 2003 – August 2006*

ℒ **PI: L. Moore, Co-PI: H. Kettani and C. Bland**

Student Support

ℒ **Two undergrad and two grads**
ℒ **Summer internships at government institutions**
ℒ **Research projects**
ℒ **Conference publications**

Educational Conferences Attended

ℒ **SANS Silicon Valley, San Jose, California, March, 2004**
  - **Track 1: Security Essentials**

ℒ **SANS Fire, Monterey, California, July, 2004**
  - **Track 9: Information Security**

ℒ **The 6th Workshop on Education in Computer Security (WECS6), Monterey, California, July, 2004**

Towards A Center of Academic Excellence

ℒ **Successfully mapped NSIA courses in Standards 4011 and 4014 Entry Level of the Information Assurance Courseware Evaluation (IACE) in February 2004**

ℒ **JSU has received recognition and a certificate during the CNSS Annual Conference, Norfolk, Virginia, April, 2004.**

ℒ **Applied to the 8th annual NSA and DHS for the Centers of Academic Excellence in Information Assurance Education Program Offering in December 2005.**

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ℒ **A lot of people!**
ℒ **Dr. Loretta Moore, JSU**
ℒ **Dr. Rayford Vaughn, MSU**
ℒ **WECS 6 & 7 Program Committee**
ℒ **National Science Foundation**

Questions & Comments

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